

November 27, 1911
 10:15
 Ida J. Morrow
 2.00

File No.

T 1 S R 4 E

DUPLICATE

County Gallatin

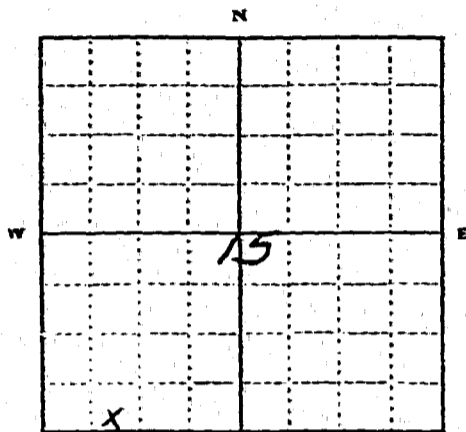
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John N. Root Sr, of Route #1 Bozeman
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



E 1/4, SW 1/4
SW 1/4 Sec 15 T. 13 R. 4E
Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based
Domestic use and
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Dec. 1953 and continuous since
then
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
Not determined
See attached map
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Used for garden and lawn
irrigation of land owned by
John N. Root Sr
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric pump
See X on attached map
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
December 1953
8. The depth of water table
6 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
This is a dug well 11 feet deep
and cased with 6" pipe
10. The estimated amount of groundwater withdrawn each year
No record
11. The log of formations encountered in the drilling of each well if available
No record
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date Dec 24, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

#1077

State of Montana }
County of Gallatin } ss.

Filed December 27, 1963

at 11:36 o'clock ↑ M.

EARL WALTON

COUNTY CLERK & RECORDER

By David M. O. McQuinn

DEPUTY

Fee \$2.00 pd

15
Sec 15 T 1 S. R 4 E

County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

| | | |
|---|--|--|
| | | |
| | | |
| | | |
| X | | |

Owner John William Franklin Schaefer Address Belgrade

Driller Address

Date Started Jan 5 1897 Date Completed Feb 15 1897

Location: Sec. 15 T 1 S R 4 E ¼ sec. NE ¼ NE ¼ NW ¼

Type of well Dug Equipment used Pick & Shovel
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒
Industrial ☐ Drainage ☐ Other:

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: 5 ft. feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level 4 ft. to 41 ft. feet at 20 gal. per min.

How tested:

Length of test

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Log curbing for liner in well.

B
R

STATE ENGINEER

(over)

Log of Well

[illegible]

Gallatin County, }
State of Montana. } ss.

Filed November 27, 1959

at 10:47 o'clock A M.

Carl Walton
COUNTY CLERK & RECORDER

By Loy R. Carroll DEPUTY

Fee \$ 2.00 *RD*

15
Sec. #15 T 1 S. R 4 E.

County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

| | | | |
|--|--|--|---|
| | | | X |
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| | | | |

Owner John William Franklin Schaefer Address Belgrade

Driller Address

Date Started June 1, 1887 Date Completed June 15, 1887

Location: Sec. 15 T 1 S R 4 E 1/4 sec NE 1/4 NE 1/4 NW 1/4

Type of well Dug (Dug, driven, bored, or drilled) Equipment used Pick & Shovel (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒
Industrial ☐ Drainage ☐ Other:

Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: 10 ft. feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level 5 ft. to 31 ft. feet at gal. per min. 20

How tested: Electric Pump (Tined)

Length of test Half Hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Well is lined with cement blocks

RECEIVED
STATE ENGINEER

(over)

Log of Well

[illegible]

#102

Gallatin County,
State of Montana. } ss.

Filed November 27, 1959
at 10:45 o'clock A.M.
Carter

o'clock A
Carl Walton
 COUNTY CLERK & RECORDER

By Loy R Carroll
 Fee \$ 3.00 DEPUTY

Fee \$ 3.00

File No. _____

T 1S R 4E 16

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER APR 21 1965

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner FRANCIS ARMSTRONG BROWN Address B. ZEMANDriller M. E. Jones Address B. ZEMAN

Date of Notice of Appropriation of Groundwater _____

Date well started Nov. 12, 1963 Date Completed Nov. 14, 1963Type of well Drilled Equipment Used Churn Drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Top of Ground
Top Soil
(Elev. above sea level _____)

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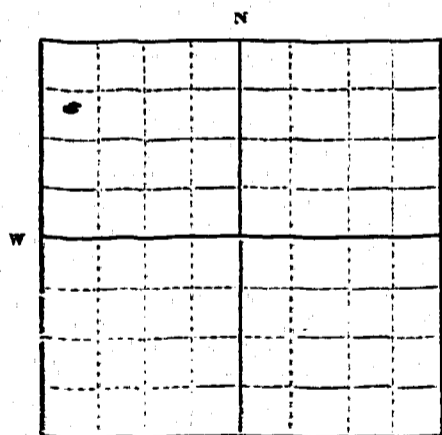
100

Gravel

Sand in Clay

Gravel in Clay

Gravel & Sand



Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-----------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" | 6 5/8 OD X 15" | 3' Above Ground | 40' | N | | |

Static Water Level for non-flowing Well 24 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 40 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pump Length of Test 1 Hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number 17Driller's Signature Milton E. Jones

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state. otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quaduplicate for the Appropriator.

39078

#1900

State of Montana }
County of Gallatin } ss.

Filed April 20, 1965

at 2:30 o'clock P.M.

CARL L. STUCKY

COUNTY CLERK & RECORDER

By Donald A. Mayne

DEPUTY

Fee \$ 2.00

File No. _____

DUPLICATE

T 15 R 4 E

County Helena

DEC 17 1963

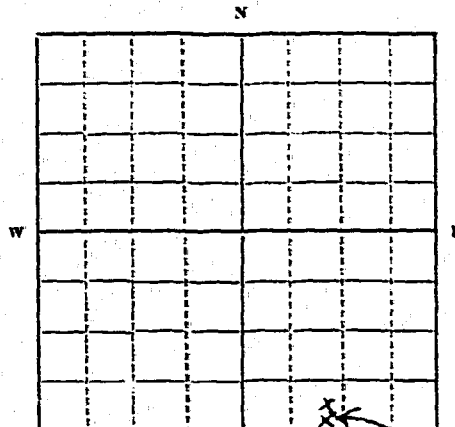
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John A. + Carol D. Martin of Butte, Bozeman
(Name of Appropriator) (Address) (Town)
County of Helena State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Approximately 2.5 acres

SW 1/4 Sec 16 T15 R1E

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based for household use and irrigation of lawns and gardens
3. Date or approximate date of earliest beneficial use; and how continuous the use has been It has been used continuously since it was dug in 1940 to 1941
4. The amount of groundwater claimed (in miner's inches or gallons per minute) unknown
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Used for irrigation of lawns and gardens, which property, to the extent 1/2 acre, appropriated and possessing this land from E. Lynn + George E. Lynn
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well is in the house, which is about 50 feet from the south boundary where the city Centered between the east and west boundaries.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater The well was dug in 1940 to 1941, at the time the house was built.
8. The depth of water table unknown
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater It is about 10 feet below ground level.
10. The estimated amount of groundwater withdrawn each year unknown
11. The log of formations encountered in the drilling of each well if available None
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record GW 3 from file on this date on the other spring located above.

Signature of Owner John A. Martin
Carol D. Martin
Date 12-16-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state. Otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

876

State of Montana) ss:
County of Gallatin)
Filed Dec 16, 1963
at 942 o'clock A M.
Paul H. Hume
COUNTY CLERK & RECORDER
By [Signature]
DEPUTY
Fee \$ 27.00

File No. _____

DUPLICATE

T. 15 R. 4 E
County GallatinSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
DEC 17 1963Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater _____

Owner John A. & Carol D. Martin Address RT 1, Box 276
Bozeman, MontanaContractor (if any) none

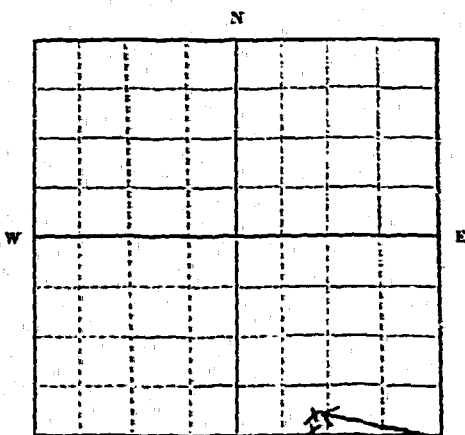
Address of Contractor _____

Date Started 1940 or 41 Date Completed 1940 or 41

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Water seeps from ground* See below

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use Springruns year around but is not
developed. Water presently drains
into a swamp. Amount of flow
is unknown.Signature of Owner John A. MartinDate 12-16-63

Approximately 2.5 acres

SW 1/4 Sec. 16, T. 15, R. 4 E

Indicate point of appropriation
and place of use, if possible.

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

* 401 + form filed this date with the
Spring water claim.

877

State of Montana | 35
County of Gallatin

Filed Dec 16 1963

at 2:50 o'clock PM

Carol Walker
COUNTY CLERK & RECORDER

By [Signature]
DEPUTY

Fee \$ 2.00

File No. _____

T 15 R 4E

DUPLICATE

County Gallatin

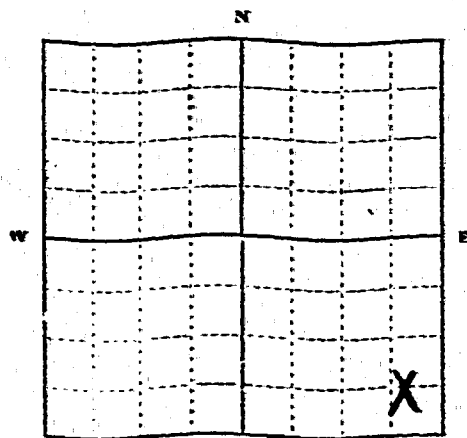
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

David A. + Florence Spaulding Route # 1 BOZEMAN
(Name of Appropriator) (Address) (Town)
County of Gallatin State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec 16 T. 15 R. 4E

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Garden, Lawn, Household + Live Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been About 1947 Constant
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 inches
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Garden + Lawn
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1947
8. The depth of water table 10 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Dug 12 inch casing Depth 30 ft
10. The estimated amount of groundwater withdrawn each year 75,000 Gal per year
11. The log of formations encountered in the drilling of each well if available. Gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record No record

Signature of Owner

Date Dec 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

36083

1769

NOTICE OF SALE
County of ... ss.
Dec 31 1963
4:15 o'clock
Paul H. H. H.
COUNTY CLERK & RECORDER
By
DEPUTY
For \$

File No. _____

T 1S R 4E

DUPLICATE

County Gallatin

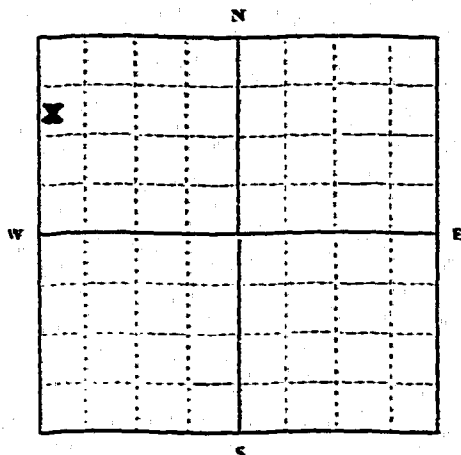
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1951)

RECEIVED
DEC 30 1963
STATE ENGINEER

I, Henry A. Peddes & Neal Peddes, of Route 1, Manhattan
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Wright & Sonnet

1/4 Sec. 17 T. 1S R. 4E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic and cattle
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Unknown used continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 gallons
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof lawn and garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Unknown
8. The depth of water table Varies
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 inch casing, 40 feet deep
10. The estimated amount of groundwater withdrawn each year 21,900 gallons
11. The log of formations encountered in the drilling of each well if available Unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record No Record

Signature of Owner Henry A. Peddes

Date December 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator

14632

1067

State of Montana } ss.
County of Gallatin }
Filed Dec 27, 1963
at 1:45 o'clock P. M.
Carl Watson
COUNTY CLERK & RECORDER
By [Signature] DEPUTY
Fee \$ 2.50

File No. _____

T 15 R 4E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

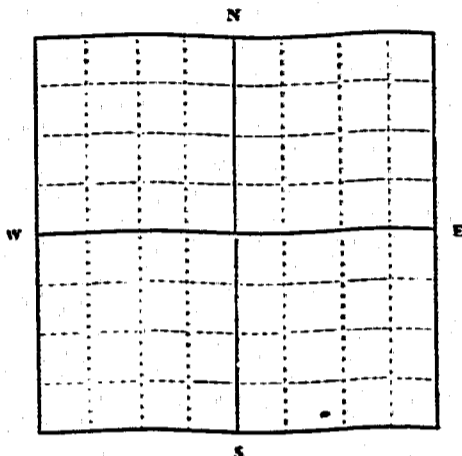
JAN 16 1961

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

LLOYD FLIKKEMA of Rt. 1, Manhattan
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

SE $\frac{1}{4}$ Sec. 17 T. 15 R. 4E

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based for Home use and Dairy farm
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Continuous use since 1925
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
15 gallons
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Submersible pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1925
8. The depth of water table
6 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
8 inch casing 40 feet deep
10. The estimated amount of groundwater withdrawn each year
750,000 gallon
11. The log of formations encountered in the drilling of each well if available
Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
None

Signature of Owner

Lloyd Flikkema

Date

12-27-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.

33258

1113

State of Montana {
County of Gallatin } ss.
Filed **December 27** 1963
at **3:36** o'clock **M.**
EARL WALTON
COUNTY CLERK & RECORDER
By *Helma F. [Signature]*
Fee \$ **2.00** DEPUTY

G.

Approved Stock Form—State Publishing Co., Helena, Montana

File No. _____

T IS R 4E

DUPLICATE

JUN 11 1964

County Juliet

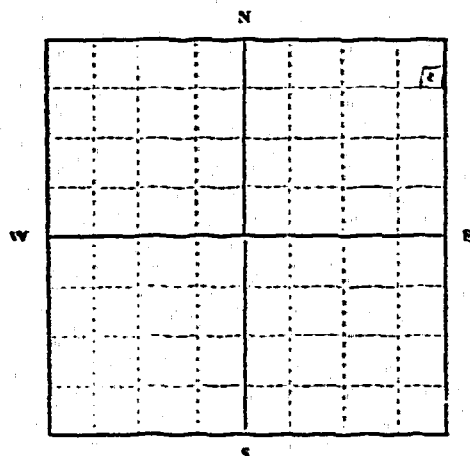
STATE OF MONTANA
STATE ENGINEER
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

M. L. Hutchison, of Route 1 - Bozeman
(Name of Appropriator) (Address) (Town)
County of Juliet State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Tract 43
1/4 Sec. 17 T 15 R 4E

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based household
and stock use - irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1947 - 72114 - use
stock use - irrigation
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 10 acres - pasture - C. W. C. C.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal jet-pump - house-base - ment

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1947

8. The depth of water table 40 FT

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 40 FT water line

10. The estimated amount of groundwater withdrawn each year 90,000 gallons

11. The log of formations encountered in the drilling of each well if available none drilled 12610

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner

Date Dec 30 - 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33443

1304

State of Montana { ss.
County of Gallatin }

Filed 12-30, 1963

at 1:02 o'clock P. M.

Earl Wallen
COUNTY CLERK & RECORDER

By Helena Finner
DEPUTY

Fee \$ 2.00

GW

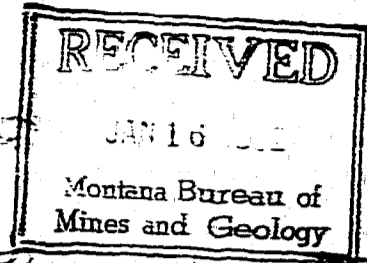
File No. _____

DUPLICATE

T-LSR 4E
County Gallatin

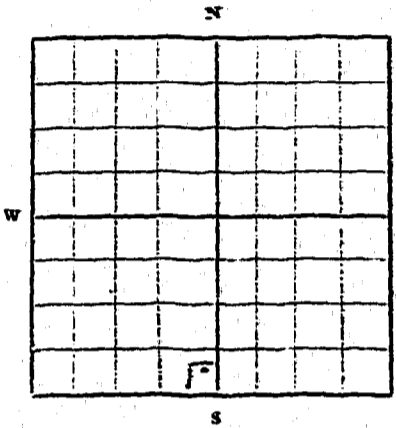
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)



I, Peter Rose of R.P. = 15065 Hamilton
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 W Sec 18 T15 R4E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic and stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1905-1910
continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gallons
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof _____
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric motor and pump jack
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1905-1910
8. The depth of water table 160'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater well, 180' deep
10. The estimated amount of groundwater withdrawn each year 350000 - more
11. The log of formations encountered in the drilling of each well if available see record
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record _____

Signature of Owner Peter Rose

Date Jan 13, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

1250

466
~~247~~

Country

Jan 12, 1962

4:30

P

EARL WALTON

Ida J. Meier

2.00 pd.

File No. _____

T = R 4E

DUPLICATE

County Gallatin

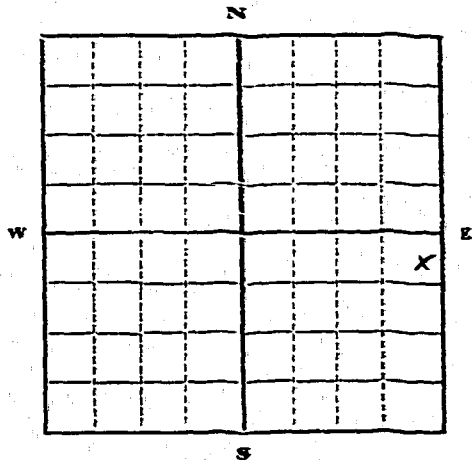
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JUN 20 1963
STATE ENGINEER

I, Mrs. Henry Triemstra, of Manhattan, Montana
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962 as follows:



SE 1/4 Sec. 18 T1S R4E

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based 5 in well
used for domestic purposes and for water stock and
irrigation of garden
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the well has been dug in 1936, and has
been in continuous use ever since
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 120 gallons per minute
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
Garden and lawn located in SE 1/4, Sec. 18, T1S,
R4E, M.P.M., Gallatin County, Montana
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal
pump
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1936
8. The depth of water table 20 to 30 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater 4" steel casing, 30 feet in depth
10. The estimated amount of groundwater withdrawn each year 500,000 gallons
11. The log of formations encountered in the drilling of each well if available
top soil 4 - 5 feet; gravel to bottom of well
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record

Signature of Owner

Date June 18, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

6699

644

State of Montana }
County of Gallatin }
Filed June 18, 1963
at 12.50 o'clock P.M.
Carl H. Hutton
COUNTY CLERK & RECORDER
By [Signature]
Fee \$ 2.00 24

Form No. 18
8-60

18
S. 15 R. 4E
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

Water Well Log

STATE ENGINEER

| | | |
|--|--|--|
| | | |
| | | |
| | | |

Owner John Weidenman Address Manhattan
Driller Charles White Address Manhattan
Date Started 1919 Date Completed 1919
Location: Sec. 18 T. 15 R. 4E $\frac{1}{4}$ sec. NW $\frac{1}{4}$

Type of well drilled Equipment used drill
(Dug, driven, bored, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒
Industrial ☐ Drainage ☐ Other _____

Casing: 125 ft. to _____ ft. Type steel Size 6 in

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or screened: Ft. _____ to ft. _____. Ft. _____ to ft. _____

Type of screen or perforations _____

Static water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____
(date)

Pumping water level 45 feet at _____ gal. per min.

How tested: _____

Length of test _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Form No. 18
8-60

18
T. 15 R. 4E
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

STATE ENGINEER

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |

Owner John Weidenauer Address Manhattan
Driller Charles White Address Manhattan
Date Started 1919 Date Completed 1919
Location: Sec. 18 T. 15 R. 4E $\frac{1}{4}$ sec. SW $\frac{1}{4}$

Type of well drilled Equipment used drill
(Dug, driven, bored, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other _____

Casing: 45 ft. to _____ ft. Type Steel Size 6 in

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or screened: Ft. _____ to ft. _____. Ft. _____ to ft. _____

Type of screen or perforations _____

Static water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level 15 feet at _____ gal. per min.

How tested: _____

Length of test _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

File No. _____

T 15 R 4 E

DUPLICATE

County Hallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

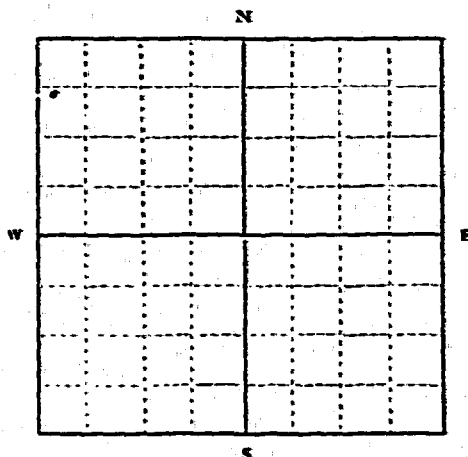
JAN 15 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Harold Lee Conther Kinn of R. R. 1 Manhattan
(Name of Appropriator) (Address) (Town)

County of Hallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N. 1/4 Sec. 19 T. 15 R. 4 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household
dairy barn and cattle watering
Garden and lawn
3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 1950
continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 32 miner inches

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
1/4 acre

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric
submersible pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August 1950

8. The depth of water table 111 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 18 ft deep
6 inch casing 16.7 ft of casing 77 ft to water
from top of casing

10. The estimated amount of groundwater withdrawn each year 4000.00 0

11. The log of formations encountered in the drilling of each well if available not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Harold Lee Conther Kinn

Date 12/30/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33450

1311

State of Montana)
County of Gallatin) ss.

Filed 12-30, 1963

at 1:09 o'clock P.M.

Earl Walton
COUNTY CLERK & RECORDER

By Almond Fidler
DEPUTY

Fee \$ 2⁰⁰

File No. 241

APR 18 1966

T

R

48 19

DUPLICATE

County Gallatin

Top of Ground

(Elev. above sea level _____)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

3' - 20' Clays.
20' - 72' Claybound sands, gravels
and large boulders.
72' - 86' Claybound sands.

86' - 103' Large gravels and
boulders.

103' - 140' Small claybound
gravels. with a
few sand and clay-
stone lenses.

140' - 153' Hard yellow clays.

153' - 169' Claybound soft
sandstone embedded
with small gravels.

169' - 186' Clays.

186' - 187' Soft sandstone.

187' - 233' Claystone and soft
sandstone lenses.

233' - 239' Clean loose gravels.

239' - 254' Clays, siltstone
embedded with
small gravels.

254' - 258' Clean loose gravels.

258' - 262' Hardpans and clays.

262' - 264' Clean loose gravels.

264' - 274' Clays and hardpans.

274' - 281' Fine gravels.

281' - 308' Claystone. Hard.

308' - 312' Small gravels.

312' - 315' Hardpans.

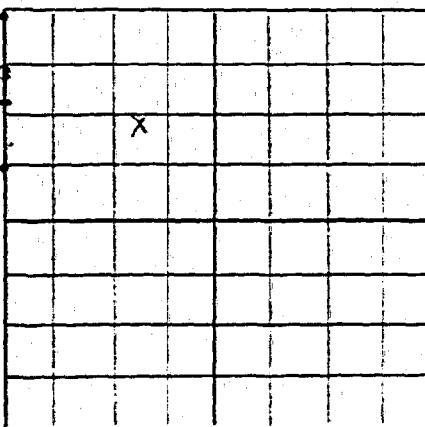
315' - 360' Soft sandstone
clays, siltstone,
hardpans.
All claybound

Owner WILBUR KIMM Address MANHATTAN, MONTANADriller VAN DYK DRILLING CO Address BOZEMAN, MONT.Date of Notice of appropriation of ground water noneDate well started June 15/66 Date Completed June 30/66Type of well Drilled Equipment used Reverse rotary
(dug, driven, bored or Churn, drill, rotary or
drilled) other)Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☒
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different
strata met with in drilling, such as soil, clay, shale, gravel, rock or sand,
etc. Show depth at which water is encountered, thickness and character of
water-bearing strata and height to which the water rises in the well.

| | Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|--|-------------------------------|--|----------------|--------------|-------------------|----------------------|----------------------|
| | | | | | Kind Size | From (Feet) | To (Feet) |
| | 32" | 16" O.D. 1" wall P.E. Prime steel | 0 | 316' | 1" x 2" Louver | 157' 235' 306' | 197' 285' 316' |

T.D. 360'



SE 1/4 Sec 19 T18 R48
Indicate location of well and
place of use, if possible. Each
small square represents 10
acres.

Show exact depth of bottom.

Static Water Level for non-flowing well
66' feet.Shut-in Pressure for Flowing Well nonePumping Water Level 200' feet
at 2025 gal. per minute.Discharge in gal. per min. of flowing well
noneHow Tested Turbine test pumpLength of Test 8 Hrs.

Remarks: (Gravel packing, cementing,
packers, type of shutoff, location of place
of use of groundwater if not at well, and
any other similar pertinent information,
including number of acres irrigated, if

used for irrigation) 16" casing is
centered in 32" hole and
annular space is gravel

packed with 1/2" washed
and screened gravels.

LICENSE NO. 1
Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for Appropriator.

#202 8

State of Montana } ss.
County of Gallatin }
Filed August 8, 1966
at 11:30 o'clock A.M.
Carl L. Sinsky
County Clerk & Recorder
By Timothy A. Mayberry
Deputy
Fee \$ 2.00

File No. _____

T 1 S R 4 E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
APR 5 1963

STATE ENGINEER

We, Henry Veltkamp & Catherine Veltkamp, of _____

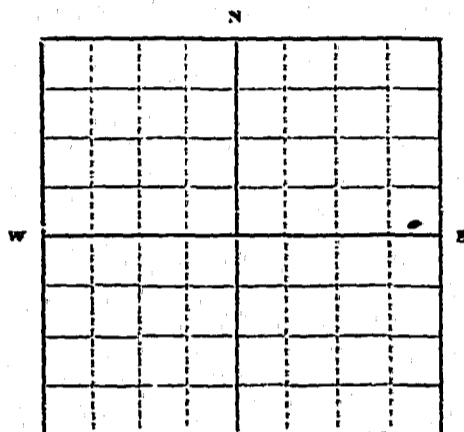
(Name of Appropriator)

(Address)

(Town)

County of GallatinState of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE $\frac{1}{4}$ NE Sec. 19 T 1 S R 4 E

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based
for domestic use and watering of stock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been since approximately 1905.
Use has been continuous since that time.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
does not apply
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
a well with an electric pump located approximately 660' E of the E line of Sec. 19 and 100' N of the center line of Sec. 19, T1S, R4E.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. well constructed in approximately 1905
8. The depth of water table 25' to water, 80' in depth
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. the well is 4" casing and water is withdrawn by means of an electric pump.
10. The estimated amount of groundwater withdrawn each year. three million gallons per year
11. The log of formations encountered in the drilling of each well if available
no log of formations available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
does not apply

Signature of Owner

Henry Veltkamp
Catherine Veltkamp

Date March 26, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

612

State of Montana ss.
County of Gallatin April 2,

Filed 12:45 P. 1963

at EARL PATTON M.

J. T. Morrow
COUNTY CLERK & RECORDER

By 2.00 DEPUTY

Fee \$

File No.

T. 15 R. 4E

DUPLICATE

County

Gallatin

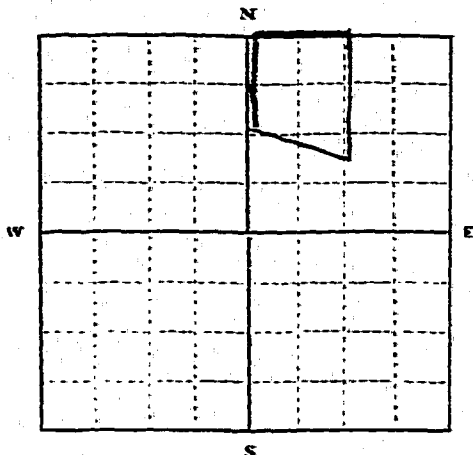
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Bernard Benson, of Route 1 Bozeman
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 20 T. 15 R. 4E

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Household, livestock and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1866 - continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Household 10 to 60 g.p.m. plus adequate but unknown amount for livestock and irrigation
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 45 acres - North side of farm as sketched - Bernard Benson
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal stationary and portable pumps located at water sources now existing on 45 acres.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater unknown
8. The depth of water table Variable from above ground level to 100 feet below.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 7" casing wells to variable water levels using submersible pumps plus 4" and 5" centrifugal portable pumps
10. The estimated amount of groundwater withdrawn each year unknown
11. The log of formations encountered in the drilling of each well if available unavailable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Bernard Benson
Date 12/30/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder: Duplicate to the State Engineer: Triplicate to the Montana Bureau of Mines and Geology: and Quadruplicate for the Appropriator.

35714

1400

County of Madison ss.

12-30

3:34

P

Carl J. Miller
Theresa Miller
D^{co}

File No.

T. R.

DUPLICATE

County

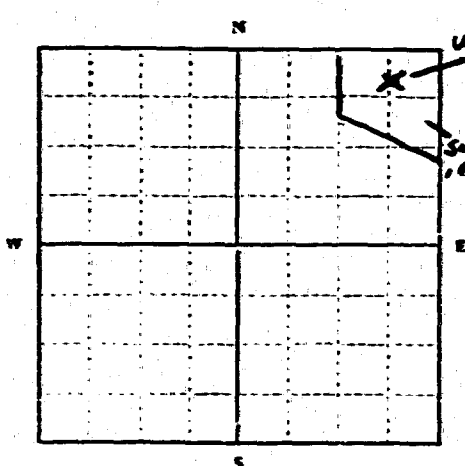
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Virgil Benson of Billings Montana
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based, household, livestock, irrigation and sub-irrigation

Date or approximate date of earliest beneficial use; and how continuous the use has been 1866-continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) household 15 to 30 g.p.m. Livestock, irrigation and sub-irrigation unknown.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
35 acres below hill. North end of place. Virgil Benson.

NE 1/4 Sec 20 T.15 R.4E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal household water at house. Irrigation out Yellowdog Creek which springs run into sub-irrigation ground.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Unknown

8. The depth of water table Varies with locations. From a couple inches above the ground to four and one half feet below the surface.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Spring water from the Yellowdog Creek as well diverted shares from the Valley Ditch Co. is pumped out with a 5 inch centrifical pump and a 4 inch centrifical pump. Water has been dammed and surface irrigated from the creek in the past. Household, livestock and irrigation water pumped at house. Unavailable information.

10. The estimated amount of groundwater withdrawn each year Unknown

11. The log of formations encountered in the drilling of each well if available unavailable

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date 12/30/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33333

#1194

State of Montana ss.
County of Gallatin
Filed **December 30** 1963 A
at **9:12** o'clock **M.**
EARL WALTON
COUNTY CLERK & RECORDER
By *Thelma Fader*
Fee \$ **Ext 7.00**

File No. _____

T 10 R 4E

DUPLICATE

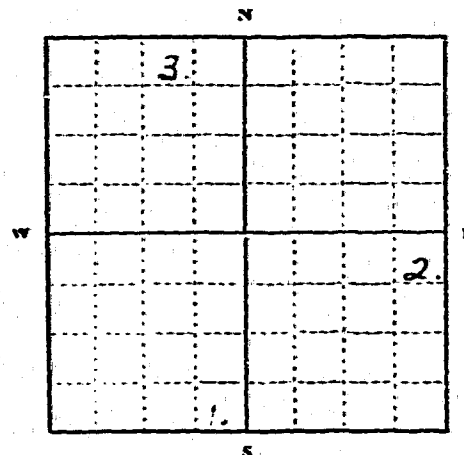
County Callatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Matt Lee Estate, of Route 1 Bozeman
(Name of Appropriator) (Address) (Town)
County of Callatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1952, as follows:



1/4 Sec. 20 T. 18 R. 4 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic, livestock and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. (1) 1890-continuous since.
(2) 1915-continuous since (3) 1920-continuous since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gallon per minute each well
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof all lands owned by Matt Lee Estate- irrigation confined 1 acre garden and lawn surrounding each well and house.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. (1) SE SE SE, Sec. 20, T18, R4E. (2) NE NE SE, Sec. 20, T18, R4E. (3) NW NE NW Sec. 20, T18, R4E.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. (1) 1890, constructed & completed
(2) 1915, " " "
(3) 1920, " " "
8. The depth of water table. (1) 45', (2) 45', (3) 45'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. (1) 60' deep, cased with 8" steel casing
(2) 35' deep, cased with 8" steel casing, (3) 50' deep, cased with 8" steel casing
10. The estimated amount of groundwater withdrawn each year. 2,000,000 gal. each well
11. The log of formations encountered in the drilling of each well if available. none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. none

Signature of Owner

Matt Lee Estate
By Paul Lee Estate

Date December 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33434

1295

County of DEWITT)
Filed 12-30 1963
at 11:58 o'clock A.M.
Earl Wallon
COUNTY CLERK & RECORDER
By Theresa J. Miller
DEPUTY
Fee \$ 2.00

File No. _____

MONTANA WATER RESOURCES BOARD

RECEIVED

T 15 R 4 E

DUPLICATE

NOV 17 1967

County Gallatin

LOG

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level _____)

0-2 soil
 2-15 soil & rock
 15-17 rock, water
 very little
 17-20 rock & clay
 20-25 rock & clay
 25-26 clay-sand &
 Little water
 26-29 clay & rock
 29-30 sand & water
 30-31 sand & gravel
Bottom of well 29

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

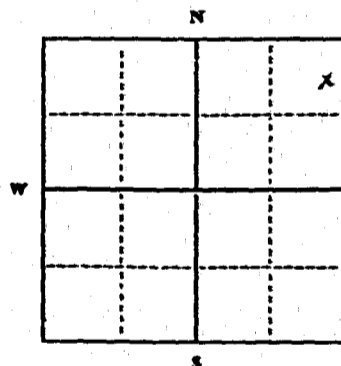
Owner Base Minerals Address Rte 1 BozemanDriller Harold Hulbert Address Rt. 1 Bozeman

Date of Notice of appropriation of groundwater _____

Date well started Nov 7, 1967 Date completed Nov 8, 1967Type of well Drilled Equipment used Churn
 (Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
 Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|----------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 7" | I9 1b | 2 1/2 ft above | | | | |
| | 6 5/8 O.D. | | 28' | None | | |

Static Water Level for non-flowing well 11 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 13 feet
 at 60 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested PumpLength of Test 4 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

N 1/4 Sec 22 T 15 R 4 E
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

47
 Driller's License Number

Dr. Harold Hulbert

72.537

2134

State of Montana)
County of Gallatin) ss.

Filed November 13, 1967
at 12:15 o'clock P.M.

Paul R. Stucky
County Clerk & Recorder

By _____
Deputy

Fee \$2.00

Form No. 18
8-60

T. 1 S R. 4 E

County Flathead

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

| | | |
|--|--|--|
| | | |
| | | |
| | | |

Owner L.S. Rottner - C.W. Francis Address Bozeman

Driller Unknown Address

Date Started about 1915 Date Completed 1915

Location: Sec. 22 T. 1 S R. 4 E $\frac{1}{4}$ sec.

Type of well ✓ (Dug, driven, or drilled) Equipment used ? (Churn, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒
Industrial ☐ Drainage ☐ Other

Casing: 0 ft. to 25 ft. Type Steel Size 4 in.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened: Ft. to ft. . Ft. to ft.

Type of screen or perforations

Static water level, for non-flowing well: 5 feet.

Shut-in pressure, for flowing well: None lb./sq. in. on: (date)

Pumping water level 8 feet at 25 gal. per min.

How tested: ✓

Length of test

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

None

(over)

Log of Well

[illegible]

File No. _____

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED

JAN 2 1968

T 1S R 4E

County Gallatin

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARDNotice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Top of Ground

(Elev. above sea level _____)

0-2 odd Well

2-7 soil

7-10 sand & water

10-22 clay & rock

22-25 sand gravel & water

21' Bottom of well

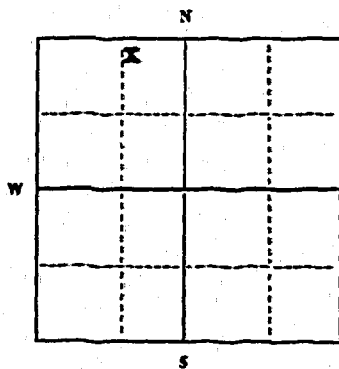
Owner Frank Mangel Address R. I. BozemanDriller Harold Hulbert Address Route 1 Bozeman

Date of Notice of appropriation of groundwater _____

Date well started Dec 23, 1967 Date completed Dec 27, 1967Type of well Drilled Equipment used churn
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 7" | 6 5/8 I.D. | I above | 21' | none | | |
| | 19 Ib | | | | | |



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level II feetat 40 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pail & PumpLength of Test 2 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

Fig. 1-1, Sec. 22, T. 1S, R. 4E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Harold B. Hulbert
Driller's Signature.

42,703

7142

State of Montana } ss.
County of Gallatin }
Filed December 28, 1967.
at 9:10 o'clock A.M.
Carl L. Stucky
County Clerk & Recorder
By Frank D. Majewell
Deputy
Fee \$ _____

File No. _____

T. S. R. 4E.

DUPLICATE

County GALLATIN

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

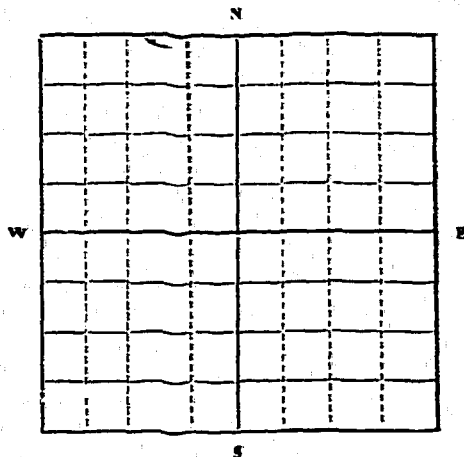
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 16 1963

STATE ENGINEER

1. FRANK W. MENGEL (Name of Appropriator) of P.O. Box 280 Bozeman (Address) (Town)
County of GALLATIN State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NW 1/4 Sec. 20 T15 R4E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based House and GARDEN WATER.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been OCT. 1950 EVERY YEAR.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 GALS. PER MINUTE.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof GARDEN 40x60 FT. Ed McCullough
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal CENTRIFUGAL ELECTRIC PUMP. INTAKE IN OUTLET 3/4
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater OCT 1950
8. The depth of water table 5 FT.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 1 Well 16 FT driven 2 inch pipe
10. The estimated amount of groundwater withdrawn each year 12,500 GALS
11. The log of formations encountered in the drilling of each well if available Not KNOWN.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Not KNOWN.

Signature of Owner Frank W. MengelDate Dec 11, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

92-23

864

State of Montana }
County of Gallatin } ss.

Filed Dec 13 1963

at 1:50 o'clock P.M.

Wm. H. H. H.
COUNTY CLERK & RECORDER

By [Signature]
DEPUTY

Fee \$ 7.00

File No. _____

T. 15 R. 4E
County Hallatin

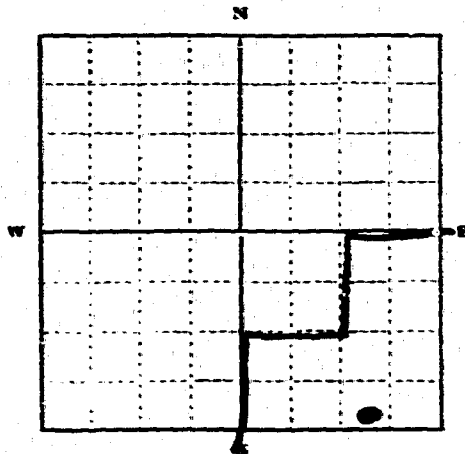
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Geo W. Mutter of Bellevue (Name of Appropriator) (Address) (Town)
County of Hallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec 22 T. 15 R. 4E

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic
Stock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1890

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40'

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater

8. The depth of water table 25'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other work for the withdrawal of groundwater Drilled 60' casing

10. The estimated amount of groundwater withdrawn each year 12,000

11. The log of formations encountered in the drilling of each well if available Gravel

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Geo W. Mutter
Dec 12/31/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.

3603'

1767

State of Montana
County of Gallatin ss.
Filed Dec 31 1963
at 11:13 o'clock P. M.
Carl Walton
COUNTY CLERK & RECORDER
By VA
DEPUTY
Fee \$ 2.00

File No. _____

T. 1S R. 4E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

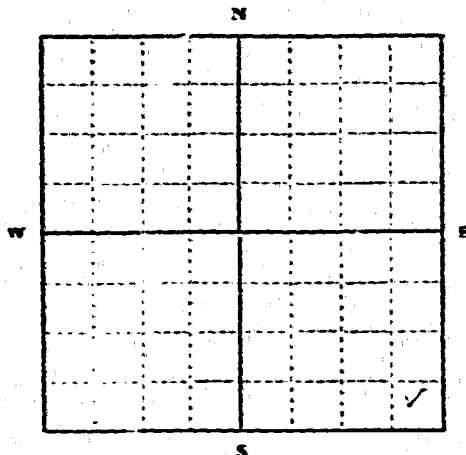
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lucien L. Benaps of Route 2, Bozeman, Montana
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 23 T. 1S R. 4E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Pasture
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1870 to date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 320 inches
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
320 acres. Lucien L. Benaps 3/4 less NW of Sec. 23, Twp. 1S, R. 4E.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Sub-irrigation
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater No irrigation well to date - only domestic well
8. The depth of water table 4 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater None Sub-irrigation well
10. The estimated amount of groundwater withdrawn each year None Sub-irrigates
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Lucien L. Benaps
Lucien L. Benaps

Date December 26, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

35734

1420

County of Caddo
Filed Dec 30 1997
at 3:53 o'clock P.M.
Carl Walton
by Sharon Pittman
Fees gls DEPUTY

File No. _____

T 1S R 4E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

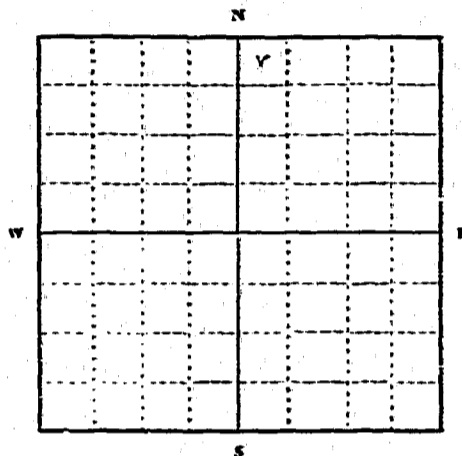
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

JAN 16 1964

I, Genevieve Benape Moore Estate, of Bowman, Montana (Town)
(Name of Appropriator) (Address)

County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$ N₂ Sec. 23 T. 1S R. 4E
Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Pasture
3. Date or approximate date of earliest beneficial use, and how continuous the use has been 1870 to date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 320 inches
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
310.87 acres. Genevieve B. Moore Estate.
N₂ of Sec. 23, Twp. 1S, Rge. 4E.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Sub-irrigation
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater No irrigation well to date - only domestic well
8. The depth of water table 4 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater None - only domestic well
10. The estimated amount of groundwater withdrawn each year Sub-irrigates
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Genevieve Benape Moore Estate
Signature of Owner Chas. Vandenhook, Jr.
by: Chas. Vandenhook, Jr. - Agent
Date December 26, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quaduplicate for the Appropriator.

35-25

1411

State of Missouri : ss.
County of Christian :

Filed Dec 30 ..
at 3:44 o'clock P.
Carl Patton

COUNTY CLERK & RECORDER
Theresa G. Patton
per 700

Form No. 18
8-60

T. 15 R. 4E 24
County Illinois

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

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| X | 7 | |
| | | |
| | | |

Water well log

Gordon S. Dykstra
Owner John S. Dykstra Address Rt. 1, Box 297
Driller John S. Dykstra Address Illinois, Montana
Date Started _____ Date Completed _____
Location: Sec. 24 T. 15 R. 4E $\frac{1}{4}$ sec. 24

Type of well Drill Equipment used Drill
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other _____

Casing: 6 ft. to 7 ft. Type Drill Size "

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or screened: Ft. 50 to ft. 50. Ft. _____ to ft. _____

Type of screen or perforations _____

Static water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level _____ feet at _____ gal. per min. 100

How tested: 3/4

Length of test 3/4

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Note: This well was constructed with the shut
back pump, from 10 to 15 ft. in depth

(over)

Form No. 18
8-60

T. 15 R. 4E
County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 9 1962

| | | |
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| | | |
| X | | |
| | | |

Water Well Log

STATE ENGINEER

Owner Gordon S. Dykstra Address 1912 S. 299
Driller Raymond Menden Address Butte, Montana
Date Started _____ Date Completed _____
Location: Sec. 24 T. 15 R. 4E $\frac{1}{2}$ sec. E $\frac{1}{2}$

Type of well Drilled Equipment used drill
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other _____

Casing: 6 ft. to 50 ft. Type galvanized Size 6"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or screened: Ft. 30 to ft. 50 . Ft. _____ to ft. _____

Type of screen or perforations _____

Static water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level 24.5 feet at 757 gal. per min. 162

How tested: Electric Pump

Length of test 3 1/2 hr

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Water table varies considerably with the depth
hole varying from 3' to 30' in depth

(over)

feet log
 0 to 2 - Topsoil
 2 to 50 - sand, gravel, rocks

#476

Gallatin County, } ss.
 State of Montana.
 Filed Dec 29, 1961
 at 3:29 o'clock P M.
Carol M. Hutton
 COUNTY CLERK & RECORDER
 By Ed A. MacInnes
 DEPUTY
 Fee \$ 200.00

Form No. 18
5-60

T. 15 R. 4E 24
County Lincoln

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

| | |
|---|----|
| | |
| X | 24 |
| | |

Water well log

Gordon D. Dyckstra

Owner Gordon D. Dyckstra Address 214 2nd

Driller Thomas Address Butte

Date Started Date Completed

Location: Sec. 24 T. 15 R. 4E $\frac{1}{2}$ sec. E $\frac{1}{2}$

Type of well (Dug, driven, or drilled) Equipment used (Churn, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒
Industrial ☐ Drainage ☐ Other

Casing: 0 ft. to 50 ft. Type iron Size

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened: Ft. 30 to ft. 50 . Ft. to ft.

Type of screen or perforations

Static water level, for non-flowing well: feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level feet at 750 gal. per min.

How tested:

Length of test

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Water taken from well with the
submersible pump from 5 to 6 in depth

(over)

Form No. 18
8-60

T. 15 R. 4E 24

County Butte

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962

| | | |
|---|----|--|
| | | |
| X | 24 | |
| | | |

Water well log

Gordon Dykstra

ENGINEER

Owner Gordon Dykstra Address W. R. 297

Driller _____ Address Butte, Mont

Date Started _____ Date Completed _____

Location: Sec. 24 T. 15 R. 4E $\frac{1}{2}$ sec. E $\frac{1}{2}$

Type of well Water Equipment used Drill
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒
Industrial ☐ Drainage ☐ Other _____

Casing: 0 ft. to 50 ft. Type Wire and Size 7"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or screened: Ft. 30 to ft. 50 . Ft. _____ to ft. _____

Type of screen or perforations _____

Static water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level 166.6 feet at 750 gal. per min.

How tested: _____

Length of test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Water table was considerable with the
sub level varying from 3 to 36 in depth

(over)